

Abstract

A side spray diverter valve with anti-siphoning and flow regulation of the water diverted to the spray head. A ported valve plunger sliding in a sleeve admits water from the inlet to the spout in one position while a lower O-ring seals the spray outlet. In the other position, the sleeve has axially directed ports which screen and trap particulates in the water over a predetermined size. The flow rate of screened water to the spray is regulated by the lower O-ring pressing against grooves in the wall of the sleeve.